



PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/657,018
	Filing Date	09/05/2003
	First Named Inventor	Li Gao, et al.
	Art Unit	2857
	Examiner Name	Donald E. McElheny
Total Number of Pages in This Submission : 52	Attorney Docket Number	2002-IP-009344U1

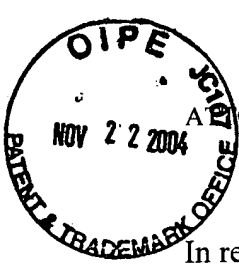
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Halliburton Energy Services		
Signature			
Printed name	Robert A. Kent		
Date	11-19-2004	Reg. No.	28,626

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Tammy Knight	Date	11-19-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



ATTORNEY DOCKET: 2002-IP-009344U1

PATENT

In re Application of:

LI GAO ET AL.

Serial No.: **10/657,018**

Filed: **09/05/2003**

Title: **"A METHOD AND SYSTEM FOR
DETERMINING PARAMETERS INSIDE A
SUBTERRANEAN FORMATION USING DATA
SENSORS AND A WIRELESS AD HOC
NETWORK"**

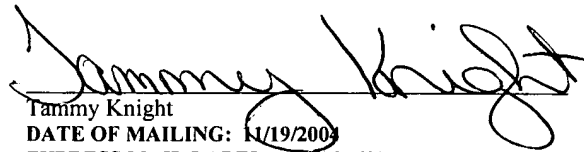
§
§ Group Art Unit: 2857
§
§
§
§ Examiner: **McELHENY, DONALD E.**
§
§ Atty. Docket No.: **2002-IP-009344U1**
§

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING VIA EXPRESS MAIL

PURSUANT TO 37 C.F.R. § 1.10, I HEREBY CERTIFY THAT I
HAVE INFORMATION AND A REASONABLE BASIS FOR BELIEF
THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE
U.S. POSTAL SERVICE AS EXPRESS MAIL POST OFFICE TO
ADDRESSEE, ON THE DATE BELOW, AND IS ADDRESSED TO:
MAIL STOP AMENDMENT
HONORABLE COMMISSIONER FOR PATENTS
P.O. Box 1450
ALEXANDRIA, VA 22313-1450.

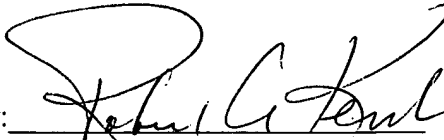

Tammy Knight
DATE OF MAILING: 11/19/2004
EXPRESS MAIL LABEL: ER976894422US

LETTER TO OFFICIAL DRAFTSPERSON

Pursuant to the Examiner's suggestion in an Office Action mailed October 29, 2004, Applicants hereby submit substitute drawings Figures 1-4 to replace the drawings of Figures 1-2 that were originally submitted with the application. Applicants hereby respectfully submit that the amended drawings add no new matter.

Acceptance and entry of these amended drawings is respectfully requested.

Respectfully Submitted,

By: 

Robert Kent

Reg. No. 28,626

HALLIBURTON ENERGY SERVICES

P.O. Box 1431

Duncan, Oklahoma 73536-0440

(580) 251-3125

ATTORNEY FOR APPLICANTS

DATE: November 19, 2004